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By J. Liebeschuetz

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PATENT

Attorney Docket No. 016994-003122



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
H. DEBOER, ET AL. ) Examiner: J. Chambers  
Serial No.: 08/134,019 ) Art Unit: 1804  
Filed: November 16, 1993 ) AMENDMENT  
For: PRODUCTION OF RECOMBINANT )  
POLYPEPTIDES BY BOVINE )  
SPECIES AND TRANSGENIC )  
METHODS )

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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed May 2, 1995,  
please amend this application as follows.

In the claims

Please cancel claims 73, 119-122, 124 and 127 without  
prejudice to subsequent renewal.

Please amend the claims as follows without prejudice to  
subsequent renewal of the original claims:

82. (Amended) [A] The method of claim 123, wherein the  
transgene is [for expressing a human polypeptide in the milk of a  
bovine comprising:

introducing] a human genomic fragment encoding [the] a  
human polypeptide [into an embryonal target cell of a bovine  
species;

transplanting the transgenic embryonal target cell  
formed thereby or the embryo obtained therefrom into a recipient  
female bovine parent; and

identifying at least one female offspring which is  
capable of producing the recombinant polypeptide in the milk of  
the offspring].